

Jennifer A. T. K. Wong-Ala

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Education:

University of Hawai'i at Mānoa (UHM): Honolulu, Hawai'i Spring 2015 – Present
Pursuing a Bachelor of Science in Global Environmental Science.
GPA: 3.42 (of 4.00). *Expected Graduation:* Spring 2017

Kapi'olani Community College (KCC): Honolulu, Hawai'i Fall 2012 – Spring 2015
Pursuing an Associate of Science in Natural Science with a focus
in Physical Science.
GPA: 3.42 (of 4.00). *Expected Graduation:* Fall 2016

Work Experience:

Research Technician 08/2015 – Present
UHM, Honolulu, Hawai'i (7.5 hours/week)

- Dissecting the stomachs of the longnose lancetfish (*Alepisaurus ferox*) to investigate mid-water ecology in the central North Pacific.

Intern/Fellow 09/2014 – Present

Center for Microbial Oceanography: Research and Education
(C-MORE) Scholars Program: UHM, Honolulu, Hawai'i (7.5 hours/week)

- Modeling the life history of the Lau'ipala (or Yellow Tang, *Zebrasoma flavescens*) off the coast of Hawai'i Island in an effort to explain reef fish connectivity.
- Mentor other C-MORE Scholars, and organize outreach events and meetings.

Summer Intern 05/2015 – 08/2015

Pacific Island Fisheries Science Center (PIFSC) Young Scientist Opportunity
(PYSO): National Oceanic & Atmospheric Administration (NOAA)
Honolulu, Hawai'i (40 hours/week)

- Examined how energy flux through marine ecosystems affects population growth of different organisms at various trophic levels.
- Participated in outreach activities with different student groups visiting the PIFSC.

Summer Intern 06/2014 – 08/2014

Native American and Pacific Islander Research Experience (NAPIRE):
Duke University San Vito, Costa Rica

- Conducted field research on the relationship between land-use changes and its effects on stream nutrient cycling.
- Measured dissolved oxygen in streams in order to determine stream health in forested and agricultural streams.

Peer Mentor 08/2013 – 08/2015

King William Charles Lunalilo Scholars Program, KCC
Honolulu, Hawai'i (3 hours/week)

- Mentored disadvantaged students as they transition to college life.
- Created and managed programs Facebook page.

Student Kako'o (Helper) 01/2013 – 05/2015

Science, Technology, Engineering, and Math (STEM), KCC
Honolulu, Hawai'i (7 hours/week)

- Assisted new STEM students with registration needs and other services

C-MORE Scholars Program, UHM, Honolulu, Hawai'i (12-15 hours/week)

- Cultured the gammaproteobacteria HIMB30 in controlled experiments to determine its energy source.
- Learned various microbial oceanography techniques such as flow cytometry.

Professional Development Training:

- Time Management 10/2014, 10/2015
- Outreach and Science Communication 09/2014, 09/2015
- Creating Scientific Presentations 02/2015
- Networking 04/2015
- Delivering Scientific Presentations 05/2015

Computer Skills (proficient):

- Programming Languages: R
- Microsoft Office Word, Excel, and PowerPoint
- Adobe Photoshop

Outreach/Volunteer Activities:

- Outreach exhibitor, School of Ocean & Earth Science & Technology (SOEST) Open House 10/2013, 10/2015
- Volunteer, He'eia Fishpond Workday 10/2015
- Research Cruise Assistant, NOAA SE-15-04 EK-60 Calibration Cruise 08/2015
- Presenter, NOAA Ocean Camp 07/2015
- Presenter, NOAA Science Camp 06/2015
- Outreach exhibitor, Science Alive! at the Bishop Museum 03/2015
- Team Leader, Samoa Ala Mai Conference 11/2014
- Presenter, Kailua High School Career Day 11/2014
- Outreach exhibitor, Distinguished Lecture's Series, Dr. David Karl's Lecture sponsored by the Waikiki Aquarium 10/2014
- Outreach exhibitor, Waikiki Aquarium Educators Night 10/2014
- Guest Blogger, Real Science at SOEST! 04/2014
- Research Assistant, Expanding Your Horizons Mānoa Conference 04/2014
- Volunteer, Mānoa Library Public Outreach on Science 03/2014

Presentations:

- Ocean Sciences Meeting* New Orleans, Louisiana 02/2016
The influence of life history variability on population connectivity: Development and application of a trait-based biophysical model of individuals.
poster presentation
- International Council for the Exploration of the Sea (ICES) Annual Science Conference (ASC)*, Copenhagen, Denmark 09/2015
The influence of life history variability on population connectivity: Development and application of a trait-based biophysical model of individuals.
oral presentation
Awarded Best Oral Presentation by an Early Career Scientist
- Association for Tropical Biology & Conservation Meeting*, Honolulu, Hawai'i 07/2015
Stressed out streams: The effects of agriculture on stream nutrient cycling.
oral presentation
- Society for the Advancement of Chicanos & Native Americans in* 04/2015

Science (SACNAS) Regional Meeting, Honolulu, Hawai'i
Stressed out streams: The effects of agriculture on stream nutrient cycling.
oral presentation

Emerging Researchers National Conference in STEM, Washington, D.C 02/2015
Stressed out streams: The effects of agriculture on stream nutrient cycling.
poster presentation

SACNAS National Conference, Los Angeles, California 10/2014
What is stressing out our streams? *poster presentation*

American Indian Science and Engineering Society (AISES) 03/2014
Region 2 Conference, Honolulu, Hawai'i
Characterizing the growth promoters and inhibitors of the proteorhodopsin-containing marine gammaproteobacterium HIMB30 *poster presentation*

Ocean Sciences Meeting, Honolulu, Hawai'i 02/2014
Characterizing the growth promoters and inhibitors of the proteorhodopsin-containing marine gammaproteobacterium HIMB30 *poster presentation*

Awards/Scholarships:

ASLO Multi-cultural Program (& travel scholarship) (UHM & KCC)	2014, 2016
CONVERGE Program at MIT (& travel scholarship) (UHM)	2015
NOAA Ernest F. Hollings Scholarship (UHM)	2015 – 2017
Na Ho'okama a Pauahi Scholarship (UHM)	2015 – 2016
Asian & Pacific Islander American/Wells Fargo Foundation Scholarship (UHM)	2015
Charles R. Hemenway Scholarship (KCC)	2014 – 2015
STEM STARTUP Scholarship (KCC)	2013 – 2015
Dean's List (KCC)	2013
John M. Ross Foundation Scholarship (KCC)	2013
Phi Theta Kappa Honor Society (KCC)	2013 – Present
King William Charles Lunalilo Scholars Program (KCC)	2012 – 2013

References:

Dr. Anna Neuheimer
Assistant Professor
University of Hawai'i at Mānoa
Relationship: C-MORE Research
Mentor
Phone: (808) 956-2613
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Dr. C. Anela Choy
Postdoctoral Research Fellow
Monterey Bay Aquarium
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Dr. Aaron Stoler
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